

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	499	((345/629).ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/08/15 08:00
S2	1	((345/629).ccls.) and design and (RFP or (request near for near proposal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/01 08:03
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S4	1	"5446842".PN.	USPAT	OR	OFF	2002/08/15 08:54
S5	1	"5907704".PN.	USPAT	OR	OFF	2002/08/15 08:55
S6	1	"5761674".PN.	USPAT	OR	OFF	2002/08/15 08:57
S7	1	"5689705".PN.	USPAT	OR	OFF	2002/08/15 08:59
S8	1	"5745878".PN.	USPAT	OR	OFF	2002/08/15 09:01
S9	1	"5740425".PN.	USPAT	OR	OFF	2002/08/15 09:03
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S13	33	((345/629).ccls.) and overlay and design	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2002/08/15 09:13
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S22	99222	business and data processing and modification and design and (RFP or (request near for near proposal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/01 08:14
S23	9	(business and data processing and modification and design and (RFP or (request near for near proposal))) and (responding near proposal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2003/05/01 08:10
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S47	1	("6236409").PN.	USPAT; USOCR	OR	OFF	2003/05/01 09:41
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S49	698	design and (RFP or (request near for near proposal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/04 15:44
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S63	3	S61 and grammat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/07 09:29
S64	2	("6236409").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/07 09:26
S65	85	S59 and @Ad <= "19970623"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/07 09:28
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S68	6	construct\$4 adj design adj document	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/07 10:53

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S75	0	S74 and @Ad <= "19970623"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/02/07 11:01

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Best 200 shown

Relevance scale 

81 [A large-scale hypermedia application using document management and Web technologies](#) 

V. Balasubramanian, Alf Bashian, Daniel Porcher

April 1997 **Proceedings of the eighth ACM conference on Hypertext**Full text available:  [pdf\(1.13 MB\)](#)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** WWW, distributed authoring, document management, information retrieval, publishing, systematic hypermedia design, templates, views, workflow

82 [A data modeling approach to the seamless information exchange among structured documents and databases](#) 

Atsuyuki Morishima, Hiroyuki Kitagawa

April 1997 **Proceedings of the 1997 ACM symposium on Applied computing**Full text available:  [pdf\(916.63 KB\)](#) Additional Information: [full citation](#), [index terms](#)

**Keywords:** data models, heterogeneous information resource management, multidatabase system, structured documents

83 [An evolutionary approach to constructing effective software reuse repositories](#) 

Scott Henninger

April 1997 **ACM Transactions on Software Engineering and Methodology (TOSEM)**,

Volume 6 Issue 2

Full text available:  [pdf\(662.79 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Repositories for software reuse are faced with two interrelated problems: (1) acquiring the knowledge to initially construct the repository and (2) modifying the repository to meet the evolving and dynamic needs of software development organizations. Current software repository methods rely heavily on classification, which exacerbates acquisition and evolution problems by requiring costly classification and domain analysis efforts before a repository can be used effectively. This article o ...

**Keywords:** component repositories, information retrieval, software reuse

84 [Visualization of construction planning information](#)

Kathleen McKinney, John Kunz, Martin Fischer  
January 1997 **Proceedings of the 3rd international conference on Intelligent user interfaces**

Full text available: [pdf\(541.88 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** 4D CAD, annotation, construction, feature extraction, information visualization

85 [\*\*IS '97: model curriculum and guidelines for undergraduate degree programs in information systems\*\*](#)

Gordon B. Davis, John T. Gorgone, J. Daniel Couger, David L. Feinstein, Herbert E. Longenecker

December 1996 **ACM SIGMIS Database , Guidelines for undergraduate degree programs on Model curriculum and guidelines for undergraduate degree programs in information systems**, Volume 28 Issue 1

Full text available: [pdf\(7.24 MB\)](#) Additional Information: [full citation](#), [citations](#)

86 [\*\*Using GOMS for user interface design and evaluation: which technique?\*\*](#)

Bonnie E. John, David E. Kieras

December 1996 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Volume 3 Issue 4

Full text available: [pdf\(272.60 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Since the seminal book, The Psychology of Human-Computer Interaction, the GOMS model has been one of the few widely known theoretical concepts in human-computer interaction. This concept has spawned much research to verify and extend the original work and has been used in real-world design and evaluation situations. This article synthesizes the previous work on GOMS to provide an integrated view of GOMS models and how they can be used in design. We briefly describe the majo ...

**Keywords:** GOMS, cognitive modeling, usability engineering

87 [\*\*Design and code reuse based on fuzzy classification of components\*\*](#)

E. Damiani, M. G. Fugini

September 1996 **ACM SIGAPP Applied Computing Review**, Volume 4 Issue 2

Full text available: [pdf\(561.05 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

A bottleneck in software reuse is the classification schema and retrieval method of components. Particularly when large repositories of components are available, classification and retrieval for reuse should be flexible to allow the selection also of components which, although not perfectly matching requirements, are adaptable with a limited effort. This paper presents a fuzzy classification model for a repository storing descriptors of components. These descriptors include fuzzy-weighted keywor ...

88 [\*\*Papers: Building knowledge bases for the generation of software documentation\*\*](#)

Cécile Paris, Keith Vander Linden

August 1996 **Proceedings of the 16th conference on Computational linguistics - Volume 2**

Full text available: [pdf\(547.99 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

Automated text generation requires a underlying knowledge base from which to generate, which is often difficult to produce. Software documentation is one domain in which parts of this knowledge base may be derived automatically. In this paper, we describe DRAFTER, an authoring support tool for generating usercentred software documentation, and in

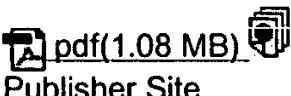
particular, we describe how parts of its required knowledge base can be obtained automatically.

**89 Supporting the construction and evolution of component repositories**

Scott Henninger

May 1996 **Proceedings of the 18th international conference on Software engineering**

Full text available:



[pdf\(1.08 MB\)](#)



Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

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Repositories must be designed to meet the evolving and dynamic needs of software development organizations. Current software repository methods rely heavily on classification, which exacerbates acquisition and evolution problems by requiring costly classification and domain analysis efforts before a repository can be used effectively. This paper outlines an approach in which minimal initial structure is used to effectively find relevant software components while methods are employed to increment ...

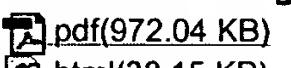
**Keywords:** CodeFinder, PEEL, classification, component repositories, domain analysis, minimal initial structure, retrieval system, reusable software artifacts, software development, software engineering, software repository methods, software reusability

**90 An empirical evaluation of design rationale documents**

Laurent Karsenty

April 1996 **Proceedings of the SIGCHI conference on Human factors in computing systems: common ground**

Full text available:



[pdf\(972.04 KB\)](#)



Additional Information: [full citation](#), [references](#), [index terms](#)

[html\(38.15 KB\)](#)

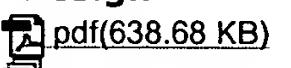
**Keywords:** design methodology, design rationale, reuse

**91 Design Decision Trees**

Alexander Ran, Juha Kuusela

March 1996 **Proceedings of the 8th International Workshop on Software Specification and Design**

Full text available:



[pdf\(638.68 KB\)](#)



Additional Information: [full citation](#), [abstract](#)

[Publisher Site](#)

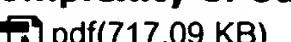
This paper proposes a formalism to be used as a systematic approach to incrementally document, refine, organize and reuse the architectural knowledge for software design. The formalism is a hierarchical organization of design patterns into a Design Decision Tree (DDT) that is a partial ordering of design decisions put in the context of the problem requirements and the constraints imposed by earlier decisions. Our model supports the representation of the essential problems that recur in the domain ...

**92 Creating custom SGML DTDs for documentation products**

Bradley C. Watson, Keith Shafer

February 1996 **Proceedings of the 13th annual international conference on Systems documentation: emerging from chaos: solutions for the growing complexity of our jobs**

Full text available:



[pdf\(717.09 KB\)](#)

Additional Information: [full citation](#), [references](#), [index terms](#)

**93 Implementing shared manufacturing services on the World-Wide Web**

J. W. Erkes, K. B. Kenny, J. W. Lewis, B. D. Sarachan, M. W. Sobolewski, R. N. Sum

February 1996 **Communications of the ACM**, Volume 39 Issue 2

Full text available: [pdf\(404.10 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

94 [Natural language processing for information retrieval](#)

David D. Lewis, Karen Spärck Jones

January 1996 **Communications of the ACM**, Volume 39 Issue 1

Full text available: [pdf\(602.45 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



95 [Quantifying design productivity: an effort distribution analysis](#)

Makarand Joshi, Hideaki Kobayashi

December 1995 **Proceedings of the conference on European design automation**

Full text available: [pdf\(504.66 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



**Keywords:** ISO 9000, design productivity, design quality, design resources, effort-distribution, graphical HDL, human interaction, textual HDL

96 [Document classification and recurrent neural networks](#)

Jennifer Farkas

November 1995 **Proceedings of the 1995 conference of the Centre for Advanced Studies on Collaborative research**

Full text available: [pdf\(88.27 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)



The paper describes an automatic document classification system called *NeuroClass*, developed for the Air Transportation Field of Transport Canada. *NeuroClass* is a working classification tool for natural language text, based on recurrent neural network technology. In laboratory tests, it outperformed prototypes developed with other neural network paradigms.

**Keywords:** Elman neural network, air transportation, dictionary, document classification, document processing, probability vector representation, recurrent neural network

97 [From domain modeling to collaborative domain construction](#)

Gerhard Fischer, Stefanie Lindstaedt, Jonathan Ostwald, Markus Stolze, Tamara Sumner, Beatrix Zimmermann

August 1995 **Proceedings of the conference on Designing interactive systems: processes, practices, methods, & techniques**

Full text available: [pdf\(1.22 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



98 [Understanding the requirements for information system documentation: an empirical investigation](#)

Abdulaziz Jazza, Walt Scacchi

August 1995 **Proceedings of conference on Organizational computing systems**

Full text available: [pdf\(1.19 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)



Software and Information Systems (IS) documents are a common product of large IS development efforts. These documents are produced and consumed through a variety of documentation processes. These processes involve developers and users working within complex organizational settings, as well as with the focal system under development. These organizational settings facilitate and constrain IS documentation and development efforts in complicated ways. Accordingly, we present, analyze, and compa ...

**99 Designing hypertext support for computational applications**

Michael Bieber, Charles Kacmar

August 1995 **Communications of the ACM**, Volume 38 Issue 8Full text available:  [pdf\(320.73 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**100 RMM: a methodology for structured hypermedia design**

Tomás Isakowitz, Edward A. Stohr, P. Balasubramanian

August 1995 **Communications of the ACM**, Volume 38 Issue 8Full text available:  [pdf\(20.01 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)

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